

The Commonwealth of Massachusetts

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1950

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS,
SERIAL BONDS AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

Compiled in the Office of

JOHN E. HURLEY

TREASURER AND RECEIVER-GENERAL



The Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1950.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1950, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 2, 1949, bonds have been issued as follows:

Metropolitan Additional Water Loan, \$5,000,000.

Metropolitan Water Use Development, \$3,540,000.

Metropolitan Sewerage Loan, South System, \$1,200,000.

Metropolitan Sewerage Loan, North System, \$300,000.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

METROPOLITAN WATER

SECTION 26. (As amended by section 6 of chapter 549 of the Acts of 1946.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and forty-six, assess the towns that are members of the metropolitan water

district and the towns that are eligible to membership and are supplied with water by the district as follows: (a) In the case of each town that was a member of, and took its entire supply from, the district at the beginning of the year an amount equal to the rate of forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year; (b) In the case of each town that joined, or commenced to take its entire supply from, the district during the previous year, an additional amount equal to said rate times the quantity furnished it by the district in that year and not certified by the commission to have been already covered by previous payments; and (c) In the case of each member town that has not so commenced and of each eligible non-member town, or water company or water supply, water, fire or fire and water district, located within such town, an amount equal to said rate times the quantity furnished it by the district in the previous year. The commission shall certify to the state treasurer the information as to dates and quantities of water consumed necessary to determine such assessments.

The state treasurer shall annually notify each town assessed under the provisions of this section and, except as otherwise provided by section twenty-six A, of section ten, of the amount of its assessment, and the same shall be paid by the town, water supply, water or fire and water district to the commonwealth as required by law and within the time therein prescribed.

SECTION 26A. Beginning with the year nineteen hundred and forty-six the state treasurer shall borrow on the credit of the commonwealth such sums as may be necessary each year to meet the balance, not met by the assessments authorized in sections ten and twenty-six, of the requirements for maintenance and operation, for miscellaneous interest, for any credits to member towns, for the sinking fund and for interest and principal payments on all bonds issued for the construction of the metropolitan water system, and on all bonds issued under the authorization of this section.

METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As Amended by Chapter 554 of the Acts of 1949). The total cost of the maintenance of reservations and boulevards in the metro-

politan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by chapter 197 of the Acts of 1933, and chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As Amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

JOHN E. HURLEY,
Treasurer and Receiver-General

TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1950

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington .	\$ 44,372 96	\$ 46,383 11	\$ 82,322 78 n	\$300 00	\$173,378 85
Belmont .	32,690 12	38,082 56	60,345 44 n	274 55	131,392 67
Boston .	1,661,063 28	964,762 74	424,368 35 s 141,503 34 n	6,811 00	3,198,508 71
Braintree .	—	22,739 67	36,003 46 s	151 44	58,894 57
Brookline .	25,441 00	98,337 68	133,651 00 s	781 38	258,211 06
Cambridge .	—	130,734 46	219,873 97 n	893 02	351,501 45
Canton .	—	7,305 16	11,760 45 s	47 85	19,113 46
Chelsea .	57,319 72	37,211 05	71,441 40 n	220 00	166,192 17
Cohasset .	—	512 12	—	—	512 12
Dedham .	—	19,985 78	30,810 24 s	137 88	50,933 90
Dover .	—	3,525 03	—	29 96	3,554 99
Everett .	115,140 40	59,779 81	98,163 76 n	417 65	273,501 62
Hingham .	—	12,568 17	—	90 00	12,658 17
Hull .	—	9,559 97	—	84 81	9,644 78
Lexington .	19,637 00	—	29,217 62 n	—	48,854 62
Lynn .	—	111,238 43	—	716 24	111,954 67
Malden .	71,391 88	59,102 07	109,307 83 n	365 34	240,167 12
Medford .	58,447 32	66,483 53	123,074 79 n	410 69	248,416 33
Melrose .	26,465 24	31,245 22	54,084 17 n	207 62	112,002 25
Milton .	20,424 72	29,165 80	43,105 77 s	211 86	92,908 15
Nahant .	4,507 88	3,579 42	—	27 11	8,114 41
Needham .	—	19,659 05	28,915 77 s	143 36	48,718 18
Newton .	23,588 80	114,235 84	163,251 55 s	861 98	301,938 17
Norwood .	—	—	31,401 80 s	—	31,401 80
Quincy .	99,034 44	99,242 39	152,569 40 s	687 26	351,533 49
Reading .	—	—	23,993 37 n	—	23,993 37
Revere .	40,401 76	33,499 57	64,010 97 n	199 16	138,111 46
Saugus .	13,929 20	14,641 87	—	82 66	28,653 73
Somerville .	162,379 40	98,498 40	189,382 62 n	581 64	450,842 06
Stoneham .	15,909 40	12,325 49	22,352 00 n	77 79	50,664 68
Stoughton .	—	—	14,456 27 s	—	14,456 27
Swampscott .	14,588 96	17,055 78	—	127 47	31,772 21
Wakefield .	—	18,890 64	34,623 25 n	118 25	53,632 14
Walpole .	—	—	17,600 43 s	—	17,600 43
Waltham .	56,135 48	45,833 70	77,461 86 s	294 07	179,725 11
Watertown .	43,621 52	42,123 30	66,618 26 s	281 01	152,644 09
Wellesley .	—	29,726 01	40,679 43 s	234 69	70,640 13
Weston .	—	7,576 30	—	59 85	7,636 15
Westwood .	—	5,869 37	—	40 88	5,910 25
Weymouth .	—	37,365 71	55,275 96 s	270 90	92,912 57
Winchester .	4,930 52	23,465 68	34,457 28 n	179 41	63,032 89
Winthrop .	24,028 76	19,667 11	35,196 30 n	126 22	79,018 39
Woburn .	—	18,815 15	35,840 26 n	112 50	54,767 91
	\$2,635,449 76	\$2,410,793 14	\$2,757,121 15	\$16,657 50	\$7,820,021 55

n North System.

s South System

Includes special assessments shown at bottom of page 20.

STATEMENT I

METROPOLITAN WATER DISTRICT

Total Water Debt, April 1 1950

Under Metropolitan District Commission:

Gross Water Debt April 1, 1950

Bonds outstanding (Serial) old series . . . \$987,000 00

Bonds outstanding (Serial) Water Use Development . . . 11,072,000 00

\$12,059,000 00

An increase for the year of \$2,677,000 00

Sinking fund April 1, 1950

100,600 55

A decrease for the year of . \$468,276 21

Net debt April 1, 1950

\$11,958,399.45

An increase for the year of \$3,145,276.21

METROPOLITAN DISTRICT WATER SUPPLY:

Gross (and net) Debt April 1, 1950

42,070,000 00

An increase for the year of \$8,757,000 00

Total Net Water Debt

\$54,028,399 45

An increase for the year of \$11,902,276 21

Total Water Expenses for 1950

SERIAL BONDS

\$3,324,000 00

INTEREST:

Under Metropolitan District Commission:

One year on \$7,532,000 00 \$125,487 50

Six months on 3,540,000 00 34,072 50

Six months on 1,082,000 00 21,601 25

Six months on 987,000 00 19,722 50

Six months on 500,000 00 8,750 00

\$209,633 75

Metropolitan District Water Supply:

Six months on 38,187,000 00 466,476 25

Six months on 37,070,000 00 450,698 75

Four months

21 days on 5,000,000 00 29,375 00

946,550 00

Total Interest

1,156,183 75

Maintenance as appropriated by Legislature . . 3,884,608 63

Less balance on hand 721,937 26

3,162,671 37

Total Metropolitan Water District Expenses 7,642,855 12

Less estimated Surplus in Sinking Fund 357,405 36

\$7,285,449 76

Assessment for 1950 at \$40 per million gallons of consumption . . 2,635,449 76

Balance to be borrowed under Section 7 of Chapter 549, Acts of 1946

\$4,650,000 00

METROPOLITAN WATER LOAN
Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1949
\$500,000 00	Jan. 1950	\$500,000 00
Transfer to 1949 Expenses		198,850 34
Surplus		25,505 55
\$500,000 00		\$724,355 89

METROPOLITAN WATER ASSESSMENTS FOR 1950

CITIES AND TOWNS IN DISTRICT	Total Consumption for 1949 in million gallons	1950 Charge at \$40 per million gallons (Chap. 549 Acts of 1946)	Proportion for computing share of Debt
Arlington	1,109,324	\$44,372 96	.016837
Belmont	817,253	32,690 12	.012404
Boston	41,526,582	1,661,063 28	.630277
*Brookline	636,025	25,441 00	.009653
Chelsea	1,432,993	57,319 72	.021750
Everett	2,878,510	115,140 40	.043689
Lexington	490,925	19,637 00	.007451
Malden	1,784,797	71,391 88	.027089
Medford	1,461,183	58,447 32	.002177
Melrose	661,631	26,465 24	.010042
Milton	510,618	20,424 72	.007750
Nahant	112,697	4,507 88	.001710
*Newton	589,720	23,588 80	.008951
Quincy	2,475,861	99,034 44	.037578
Revere	1,010,044	40,401 76	.015330
Saugus	348,230	13,929 20	.005285
Somerville	4,059,485	162,379 40	.061614
Stoneham	397,735	15,909 40	.006037
Swampscott	364,724	14,588 96	.005536
Waltham	1,403,387	56,135 48	.021300
Watertown	1,090,538	43,621 52	.016552
**Winchester	123,263	4,930 52	.001871
Winthrop	600,719	24,028 76	.009117
	65,886,244	\$2,635,449 76	1.000000

* Partial supply only, see page 8.

** Area served undetermined.

Chapter 549 of the Acts of 1946 provide for the issuance of bonds for the excess of the expenses of the Metropolitan Water District over the sum of the assessments at \$40 per million gallons of water consumed as above.

COMPARISON OF ASSESSMENTS, 1949 AND 1950 WITH REVENUE FROM WATER
RATES IN 1949

CITIES AND TOWNS	Water Assessments		Water Revenue received by Cities and Towns, 1949
	1949	1950	
Arlington	\$38,837 40	\$44,372 96	\$190,006 02
Belmont	31,311 68	32,690 12	152,038 36 ^a
Boston	1,719,096 76	1,661,063 28	4,871,872 30
Brookline	19,315 72	25,441 00	505,795 20 ^a
Chelsea	56,513 16	57,310 72	205,391 21 ^{ab}
Everett	120,787 52	115,140 40	456,343 46 ^a
Lexington	15,275 60	19,637 00	108,756 89
Malden	69,044 68	71,391 88	299,123 18
Medford	55,872 56	58,447 32	278,842 17 ^a
Melrose	25,431 00	26,465 24	123,330 76 ^{ab}
Milton	19,137 28	20,424 72	169,056 00 ^b
Nahant	3,743 64	4,507 88	18,736 81
Newton	15,354 28	23,588 80	486,077 47
Quincy	91,497 84	99,034 44	426,764 89
Revere	42,543 28	40,401 76	150,266 09
Saugus	13,400 00	13,929 20	82,892 40 ^{ab}
Somerville	163,380 80	162,379 40	519,793 59
Stoneham	12,231 16	15,909 40	65,322 98
Swampscott	13,533 20	14,588 96	64,953 00 ^{ab}
Waltham	—	56,135 48	256,566 19 ^{ab}
Watertown	41,490 16	43,621 52	208,409 49 ^a
Winchester	1,573 84	4,930 52	81,389 16
Winthrop	22,467 56	24,028 76	81,763 74 ^{ab}
	\$2,592,649 12	\$2,635,449 76	\$9,803,491 36
Waltham (Not in district in 1949) .	9,456 80		
	\$2,602,105 92		

^a Includes money received from municipal departments.

^b Includes money received from hydrant rentals.

STATEMENT II

METROPOLITAN PARKS DISTRICT

GROSS PARKS DEBT APRIL 1, 1950:

Bonds outstanding (Serial)		\$7,000 00
a decrease for the year of	\$2,000 00	
Sinking Fund April 1, 1950		27,356 26
an increase for the year of	\$1,535 24	
Net Parks Surplus April 1, 1950 (sinking fund securities taken at par value)		<u>\$20,356 26</u>
an increase for the year of	\$3,535 24	

BOULEVARDS**GROSS PARKS, SERIES TWO (BOULEVARDS) DEBT APRIL 1, 1950:**

Bonds outstanding (Serial) (one-half)		\$38,500 00
a decrease for the year of	\$8,500 00	
Sinking Fund April 1, 1950 (one-half)		10,243 13
an increase for the year of	\$574 85	
Net Parks, Series Two (Boulevards) Debt April 1, 1950		<u>\$28,256 87</u>
a decrease for the year of	\$9,074 85	

METROPOLITAN PARKS LOAN**TOTAL PARKS ASSESSMENT FOR 1950:**

Parks Serial Bonds			\$2,000 00
Parks, Series Two, Serial Bonds			8,500 00
Parks Interest:			
Six months on	\$9,000 00	\$175 00	
Six months on	7,000 00	137 50	312 50
On advances and temporary loans, estimated, 1950, and adjustment of interest charges of 1949			<u>5,000 00</u>
			5,312 50
Parks, Series Two, Interest:			
Six months on	\$47,000 00	\$940 00	
Six months on	38,500 00	770 00	1,710 00
On Advances and temporary loans, estimated, 1950, and adjustment of interest charges of 1949			<u>200 00</u>
			1,910 00
Parks Maintenance as appropriated by Legislature	\$2,641,461 84		
Less balance on hand	248,391 20		2,393,070 64
Total Parks Assessment			<u>\$2,410,793 14</u>

METROPOLITAN PARKS INCLUDING BOULEVARDS AND NANTASKET

Total Assessments and Grand Total

CITIES AND TOWNS	Total Serial Bonds	Total Interest	Total Maintenance	Grand Totals
Arlington	\$ 189 10	\$ 130 08	\$ 46,063 93	\$ 46,383 11
Belmont	173 06	119 04	37,790 46	38,082 56
Boston	4,293 29	2,953 17	957,516 28	964,762 74
Braintree	95 45	65 65	22,578 57	22,739 67
Brookline	492 55	338 80	97,506 33	98,337 68
Cambridge	562 91	387 21	129,784 34	130,734 46
Canton	30 17	20 75	7,254 24	7,305 16
Chelsea	138 67	95 39	36,976 99	37,211 05
Cohasset	—	—	512 12	512 12
Dedham	86 90	59 78	19,839 10	19,985 78
Dover	18 89	13 00	3,493 14	3,525 03
Everett	263 27	181 09	59,335 45	59,779 81
Hingham	56 74	39 02	12,472 41	12,568 17
Hull	53 45	36 77	9,469 75	9,559 97
Lynn	451 48	310 56	110,476 39	111,238 43
Malden	230 28	158 40	58,713 39	59,102 07
Medford	258 88	178 07	66,046 58	66,483 53
Melrose	130 88	90 03	31,024 31	31,245 22
Milton	133 55	91 86	28,940 39	29,165 80
Nahant	17 10	11 76	3,550 56	3,579 42
Needham	90 36	62 16	19,506 53	19,659 05
Newton	543 34	373 75	113,318 75	114,235 84
Quincy	433 21	297 98	98,511 20	99,242 39
Revere	125 54	86 36	33,287 67	33,499 57
Saugus	52 10	35 84	14,553 93	14,641 87
Somerville	366 64	252 19	97,879 57	98,498 40
Stoneham	49 04	33 73	12,242 72	12,325 49
Swampscott	80 34	55 27	16,920 17	17,055 78
Wakefield	74 54	51 27	18,764 83	18,890 64
Waltham	185 37	127 51	45,520 82	45,833 70
Watertown	177 14	121 84	41,824 32	42,123 30
Wellesley	147 94	101 75	29,476 32	29,726 01
Weston	37 72	25 95	7,512 63	7,576 30
Westwood	25 77	17 72	5,825 88	5,869 37
Weymouth	170 77	117 46	37,077 48	37,365 71
Winchester	113 09	77 79	23,274 80	23,465 68
Winthrop	79 55	54 72	19,532 84	19,667 11
Woburn	70 92	48 78	18,695 45	18,815 15
	\$10,500 00	\$ 7,222 50	\$2,393,070 64	\$2,410,793 14

39% of maintenance of Parks, Boulevards and Charles River Basin beginning in 1950, Chapter 554, Acts of 1949, charged to Metropolitan Parks District on percentages shown on Page 11.

METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

*Proportion of Maintenance Requirements as Determined by the
Metropolitan District Commission*

	Valuation (Chap. 559 Acts 1945)	Valuation Per Cent Note 1	Population 1945 Census	Population Per Cent	Average Per Cent Note 2 Ch. 554 Acts 1949
Arlington . . .	\$63,327,779	.018010	43,515	.021738	.019253
Belmont . . .	57,954,895	.016482	28,866	.014420	.015795
Boston . . .	1,437,779,078	.408885	766,386	.382848	.400206
Braintree . . .	31,968,400	.009091	20,279	.010130	.009437
Brookline . . .	164,949,098	.046909	56,940	.028444	.040754
Cambridge . . .	188,515,872	.053611	111,124	.055512	.054245
Canton . . .	10,101,349	.002873	6,704	.003349	.003032
Chelsea . . .	46,441,609	.013207	39,940	.019952	.015455
Dedham . . .	29,105,423	.008277	16,659	.008322	.008292
Dover . . .	6,325,116	.001799	1,566	.000782	.001460
Everett . . .	88,165,414	.025073	48,553	.024255	.024800
Hingham . . .	18,999,428	.005403	9,676	.004834	.005213
Hull . . .	17,900,393	.005091	3,388	.001693	.003958
Lynn . . .	151,194,710	.042998	105,153	.052529	.046175
Malden . . .	77,119,332	.021932	59,567	.029757	.024540
Medford . . .	86,696,291	.024655	67,071	.033505	.027605
Melrose . . .	43,827,859	.012464	27,971	.013973	.012967
Milton . . .	44,725,770	.012719	21,718	.010849	.012096
Nahant . . .	5,722,850	.001628	2,396	.001197	.001484
Needham . . .	30,261,434	.008606	14,507	.007247	.008153
Newton . . .	181,961,300	.051747	77,257	.038594	.047363
Quincy . . .	145,077,833	.041258	82,084	.041005	.041174
Revere . . .	42,040,213	.011956	35,687	.017827	.013913
Saugus . . .	17,446,731	.004962	16,662	.008324	.006083
Somerville . . .	122,784,622	.034918	105,883	.052894	.040910
Stoneham . . .	16,420,347	.004670	12,032	.006011	.005117
Swampscott . . .	26,905,763	.007652	11,835	.005912	.007072
Wakefield . . .	24,960,810	.007099	18,677	.009330	.007843
Waltham . . .	62,078,958	.017654	43,577	.021769	.019026
Watertown . . .	59,318,707	.016870	37,438	.018702	.017481
Wellesley . . .	49,542,385	.014089	17,581	.008783	.012320
Weston . . .	12,634,820	.003593	4,473	.002234	.003140
Westwood . . .	8,630,467	.002454	4,797	.002396	.002435
Weymouth . . .	57,187,043	.016263	27,957	.013966	.015497
Winchester . . .	37,874,919	.010771	15,300	.007643	.009728
Winthrop . . .	26,644,419	.007577	18,696	.009340	.008164
Woburn . . .	23,747,647	.006754	19,886	.009934	.007814
	\$3,516,339,084	1.000000	2,001,801	1.000000	1.000000
Cohasset Note 3 . .	11,063,194	.003136	3,540	.001765	.000214
	\$3,527,402,278		2,005,341		

Note 1. Sinking Fund, Serial Bonds and Interest.

Note 2. Maintenance.

Note 3. Nantasket Maintenance (8% of its proportion).

METROPOLITAN PARKS LOAN

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1949
Surplus		\$27,300 94

METROPOLITAN PARKS LOAN—SERIES TWO

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1949
Surplus		\$10,222 42

METROPOLITAN PARKS LOAN

Serial Bond Requirements

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$36 02	\$153 08	\$189 10
Belmont	32 96	140 10	173 06
Boston	817 77	3,475 52	4,293 29
Braintree	18 18	77 27	95 45
Brookline	93 82	398 73	492 55
Cambridge	107 22	455 69	562 91
Canton	5 75	24 42	30 17
Chelsea	26 41	112 26	138 67
Dedham	16 55	70 35	86 90
Dover	3 60	15 29	18 89
Everett	50 15	213 12	263 27
Hingham	10 81	45 93	56 74
Hull	10 18	43 27	53 45
Lynn	86 00	365 48	451 48
Malden	43 86	186 42	230 28
Medford	49 31	209 57	258 88
Melrose	24 93	105 95	130 88
Milton	25 44	108 11	133 55
Nahant	3 26	13 84	17 10
Needham	17 21	73 15	90 36
Newton	103 49	439 85	543 34
Quincy	82 52	350 69	433 21
Revere	23 91	101 63	125 54
Saugus	9 92	42 18	52 10
Somerville	69 84	296 80	366 64
Stoneham	9 34	39 70	49 04
Swampscott	15 30	65 04	80 34
Wakefield	14 20	60 34	74 54
Waltham	35 31	150 06	185 37
Watertown	33 74	143 40	177 14
Wellesley	28 18	119 76	147 94
Weston	7 18	30 54	37 72
Westwood	4 91	20 86	25 77
Weymouth	32 53	138 24	170 77
Winchester	21 54	91 55	113 09
Winthrop	15 15	64 40	79 55
Woburn	13 51	57 41	70 92
	\$2,000 00	\$8,500 00	\$10,500 00

METROPOLITAN PARKS LOAN INCLUDING BOULEVARDS

Interest Requirmenets

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington	\$95 68	\$34 40	\$130 08
Belmont	87 56	31 48	119 04
Boston	2,172 20	780 97	2,953 17
Braintree	48 29	17 36	65 65
Brookline	249 20	89 60	338 80
Cambridge	284 81	102 40	387 21
Canton	15 26	5 49	20 75
Chelsea	70 16	25 23	95 39
Dedham	43 97	15 81	59 78
Dover	9 56	3 44	13 00
Everett	133 20	47 89	181 09
Hingham	28 70	10 32	39 02
Hull	27 05	9 72	36 77
Lynn	228 43	82 13	310 56
Malden	116 51	41 89	158 40
Medford	130 98	47 09	178 07
Melrose	66 22	23 81	90 03
Milton	67 57	24 29	91 86
Nahant	8 65	3 11	11 76
Needham	45 72	16 44	62 16
Newton	274 91	98 84	373 75
Quincy	219 18	78 80	297 98
Revere	63 52	22 84	86 36
Saugus	26 36	9 48	35 84
Somerville	185 50	66 69	252 19
Stoneham	24 81	8 92	33 73
Swampscott	40 65	14 62	55 27
Wakefield	37 71	13 56	51 27
Waltham	93 79	33 72	127 51
Watertown	89 62	32 22	121 84
Wellesley	74 85	26 90	101 75
Weston	19 09	6 86	25 95
Westwood	13 04	4 68	17 72
Weymouth	86 40	31 06	117 46
Winchester	57 22	20 57	77 79
Winthrop	40 25	14 47	54 72
Woburn	35 88	12 90	48 78
	<u>\$5,312 50</u>	<u>\$1,910 00</u>	<u>\$7,222 50</u>

STATEMENT III

METROPOLITAN SEWERAGE

Debt, North System

GROSS SEWERAGE, NORTH SYSTEM, DEBT APRIL 1, 1950:

Bonds outstanding (Serial)	\$3,289,000 00	
an increase for the year of	\$489,000 00	\$3,289,000 00
Sinking Fund April 1, 1950		23,392 04
an increase for the year of	\$2,581 24	
Net Sewerage, North System, Debt April 1, 1950		<u>\$3,265,607 96</u>
an increase for the year of	\$486,418 76	

Assessment, North System

SERIAL BONDS	\$326,000 00	
Less Premium	224 25	
		\$325,775 75
INTEREST:		
One year on	\$1,227,000 00	\$24,450 00
Six months on	1,930,000 00	14,725 00
Six months on	1,762,000	13,452 50
Four months on	9,000 00	120 00
Six months 21 days on	300,000 00	4,500 00
		<u>\$57,247 50</u>
Accrued interest		1,987 50
		<u>\$55,260 00</u>
On advances and temporary loans, estimated, 1950, and adjust- ment of interest charges of 1949		1,000 00
		<u>56,260 00</u>
Maintenance as appropriated by Legislature	\$1,143,741 80	
Less balance on hand	96,586 40	
		<u>1,047,155 40</u>
Total North Metropolitan Sewerage Assessment		<u>\$1,429,191 15</u>

METROPOLITAN SEWERAGE DISTRICT

Debt, South System

GROSS SEWERAGE, SOUTH SYSTEM, DEBT APRIL 1, 1950:

Bonds outstanding (Serial)		\$5,799,000 00
an increase for the year of	\$2,283,000 00	
Sinking Fund April 1, 1950 (Surplus—sinking fund securities taken at par value)		398,377 40
an increase for the year of	\$22,683 83	
Net Sewerage, South System, Debt April 1, 1950		<u>\$5,400,622 60</u>
an increase for the year of	\$2,260,316 17	

Assessment, South System

SERIAL BONDS	\$452,000 00	
Less Premium	897 00	
		<u>\$451,103 00</u>

INTEREST:

One year on	\$3,174,000 00	\$49,562 50
Six months on	1,500,000 00	12,000 00
Six months on	1,425,000 00	11,400 00
Six months 21 days on	1,200,000 00	10,050 00
		<u>83,012 50</u>

On advances and temporary loans, estimated, 1950, and adjustment of interest charges in 1949

Maintenance as appropriated by Legislature	1,600 00	84,612 50
Less balance on hand	\$865,814 27	
	73,599 77	
		<u>792,214 50</u>

Total South Metropolitan Sewerage Assessment . . \$1,327,930 00

METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1949
Surplus		\$22,896 04

METROPOLITAN SEWERAGE LOAN—SOUTH SYSTEM

Sinking Fund

All sinking fund bonds have been retired.

Surplus	\$397,512 06
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METROPOLITAN SEWERAGE LOAN

North System—Assessment

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington	\$19,123 04	\$3,302 46	\$59,897 28	\$82,322 78
Belmont	17,526 74	3,026 79	39,791 91	60,345 44
Boston	25,834 02	4,461 42	111,207 90	141,503 34
Charlestown and East Boston				
Cambridge	56,945 60	9,834 25	153,094 12	219,873 97
Chelsea	14,040 93	2,424 81	54,975 66	71,441 40
Everett	26,648 46	4,602 07	66,913 23	98,163 76
Lexington	7,948 93	1,372 74	19,895 95	29,217 62
Malden	23,292 97	4,022 59	81,992 27	109,307 83
Medford	26,192 37	4,523 31	92,359 11	123,074 79
Melrose	13,259 07	2,289 78	38,535 32	54,084 17
Reading	5,994 27	1,035 18	16,963 92	23,993 37
Revere	12,705 24	2,194 14	49,111 59	64,010 97
Somerville	37,105 86	6,408 01	145,868 75	189,382 62
Stoneham	4,951 79	855 15	16,545 06	22,352 00
Wakefield	7,558 00	1,305 23	25,760 02	34,623 25
Winchester	11,434 73	1,974 73	21,047 82	34,457 28
Winthrop	8,046 66	1,389 62	25,760 02	35,196 30
Woburn	7,167 07	1,237 72	27,435 47	35,840 26
	\$325,775 75	\$56,260 00	\$1,047,155 40	\$1,429,191 15

METROPOLITAN SEWERAGE LOAN

South System—Assessment

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Boston:	\$113,587 74	\$21,305 43	\$289,475 18	\$424,368 35
All of Brighton and Hyde Park and parts of Back Bay, Roxbury, West Rox- bury and Dorchester .				
Braintree	11,638 45	2,183 00	22,182 01	36,003 46
Brookline	60,041 80	11,261 92	62,347 28	133,651 00
Canton	3,699 04	693 82	7,367 59	11,760 45
Dedham	10,600 92	1,988 39	18,220 93	30,810 24
Milton	16,284 82	3,054 51	23,766 44	43,105 77
Needham	11,006 93	2,064 55	15,844 29	28,915 77
Newton	66,221 92	12,421 12	84,608 51	163,251 55
Norwood	11,232 46	2,106 85	18,062 49	31,401 80
Quincy	52,824 16	9,908 12	89,837 12	152,569 40
Stoughton	3,834 38	719 21	9,902 68	14,456 27
Walpole	7,082 32	1,328 42	9,189 69	17,600 43
Waltham	22,600 26	4,239 09	50,622 51	77,461 86
Watertown	21,607 83	4,052 94	40,957 49	66,618 26
Wellesley	18,044 12	3,384 50	19,250 81	40,679 43
Weymouth	20,795 85	3,900 63	30,579 48	55,275 96
	\$451,103 00	\$84,612 50	\$792,214 50	\$1,327,930 00

NORTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1945
and the Census Returns of 1945*

Assessment made by the Metropolitan District Commission

CITIES AND TOWNS	State Valuation Acts of 1945 Chapter 559	Proportion for Interest Sinking Fund and Serial Bonds (per cent)	Population State Census 1945	Proportion for Maintenance and Operation (per cent)
Arlington	\$ 63,327,779	5.87	43,515	5.72
Belmont	57,954,895	5.38	28,866	3.80
Boston:				
Charlestown & E. Boston	85,537,810	7.93	80,767	10.62
Cambridge	188,515,872	17.48	111,124	14.62
Chelsea	46,441,609	4.31	39,940	5.25
Everett	88,165,414	8.18	48,553	6.39
Lexington	26,354,606	2.44	14,452	1.90
Malden	77,119,332	7.15	59,567	7.83
Medford	86,696,291	8.04	67,071	8.82
Melrose	43,827,859	4.07	27,971	3.68
Reading	19,856,099	1.84	12,327	1.62
Revere	42,040,213	3.90	35,687	4.69
Somerville	122,784,622	11.39	105,883	13.93
Stoneham	16,420,347	1.52	12,032	1.58
Wakefield	24,960,810	2.32	18,677	2.46
Winchester	37,874,919	3.51	15,300	2.01
Winthrop	26,644,419	2.47	18,696	2.46
Woburn	23,747,647	2.20	19,886	2.62
	\$1,078,270,543	100.00	760,314	100.00

SOUTH METROPOLITAN SYSTEM

*Ratios of Contributions on the Basis of Valuation of 1945
and the Census Returns of 1945*

Assessment made by the Metropolitan District Commission

CITIES AND TOWNS	State Valuation Acts of 1945 Chapter 559	Proportion for Interest and Serial Bonds (per cent)	Population State Census 1945	Proportion for Maintenance and Operation (per cent)
Boston:				
All of Brighton and Hyde Park and Parts of Back Bay, Roxbury, West Rox- bury and Dorchester	\$ 312,015,921	25.18	264,430	36.54
Braintree	31,968,400	2.58	20,279	2.80
Brookline	164,949,098	13.31	56,940	7.87
Canton	10,101,349	0.82	6,704	0.93
Dedham	29,105,423	2.35	16,659	2.30
Milton	44,725,770	3.61	21,718	3.00
Needham	30,261,434	2.44	14,507	2.00
Newton	181,961,300	14.68	77,257	10.68
Norwood	30,838,574	2.49	16,508	2.28
Quincy	145,077,833	11.71	82,084	11.34
Stoughton	10,505,378	0.85	9,063	1.25
Walpole	19,489,960	1.57	8,409	1.16
Waltham	62,078,958	5.01	46,249*	6.39
Watertown	59,318,707	4.79	37,438	5.17
Wellesley	49,542,385	4.00	17,581	2.43
Weymouth	57,187,043	4.61	27,957	3.86
	\$1,239,127,533	100.00	723,783	100.00

* Including 2672 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewerage of the Metropolitan State Hospital and Chapter 373, Acts of 1929 in relation to disposal of Sewerage of the Middlesex County Tuberculosis Hospital.

METROPOLITAN PARKS AND SEWERAGE LOANS

Comparison of Assessments 1949 and 1950

CITIES AND TOWNS	Parks		Sewerage	
	1949	1950	1949	1950
Arlington	\$ 35,537 07	\$ 46,383 11	\$ 70,973 96	\$ 82,322 78
Belmont	27,802 58	38,082 56	52,246 78	60,345 44
Boston	711,381 37	964,762 74	407,585 03	565,871 69
Braintree	17,212 47	22,739 67	24,542 10	36,003 46
Brookline	68,266 71	98,337 68	93,419 37	133,651 00
Cambridge	97,856 33	130,734 46	189,931 44	219,873 97
Canton	5,566 63	7,305 16	8,002 52	11,760 45
Chelsea	29,517 53	37,211 05	61,432 20	71,441 40
Cohasset	168 67	512 12	—	—
Dedham	14,894 50	19,985 78	21,090 25	30,810 24
Dover	2,350 95	3,525 03	—	—
Everett	44,293 56	59,779 81	84,872 72	98,163 76
Hingham	9,207 10	12,568 17	—	—
Hull	6,207 10	9,559 97	—	—
Lexington	—	—	25,262 73	29,217 62
Lynn	85,385 94	111,283 43	—	—
Malden	46,109 28	59,102 07	94,107 08	109,307 83
Medford	51,879 22	66,483 53	105,957 41	123,074 79
Melrose	23,669 53	31,245 22	46,671 97	54,084 17
Milton	21,214 68	29,165 80	29,706 60	43,105 77
Nahant	2,550 97	3,579 42	—	—
Needham	14,272 71	19,659 05	19,938 86	28,915 77
Newton	81,531 31	114,235 84	113,130 98	163,251 55
Norwood	—	—	21,554 03	31,401 80
Quincy	73,827 33	99,242 39	104,482 20	152,569 40
Reading	—	—	20,712 14	23,993 37
Revere	26,520 45	33,499 57	55,050 64	64,010 97
Saugus	11,804 09	14,641 87	—	—
Somerville	78,166 88	98,498 40	162,842 18	189,382 62
Stoneham	9,536 65	12,325 49	19,255 50	22,352 00
Stoughton	—	—	9,738 94	14,456 27
Swampscott	12,232 90	17,055 78	—	—
Wakefield	14,665 07	18,890 64	29,819 73	34,623 25
Walpole	—	—	12,188 98	17,600 43
Waltham	35,231 02	45,833 70	52,467 14	77,461 86
Watertown	31,856 39	42,123 30	45,420 99	66,618 26
Wellesley	20,710 86	29,726 01	28,402 36	40,679 43
Weston	5,277 54	7,576 30	—	—
Westwood	4,354 27	5,869 37	—	—
Weymouth	27,206 09	37,365 71	38,081 84	55,275 96
Winchester	16,633 86	23,465 68	29,922 59	34,457 28
Winthrop	15,119 51	19,667 11	30,336 12	35,196 30
Woburn	14,863 28	18,815 15	30,826 64	35,840 26
	\$1,794,882 40	\$2,410,793 14	\$2,139,974 02	\$2,757,121 15

STATEMENT IV

CHARLES RIVER BASIN LOAN

GROSS CHARLES RIVER BASIN DEBT APRIL 1, 1950:

Bonds outstanding (Serial)		\$5,000 00	\$5,000 00
a decrease for the year of	\$483,000 00		
Sinking Fund April 1, 1950			<u>190,597 30</u>
a decrease for the year of	\$437,646 52		
Net Charles River Basin Surplus April 1, 1950 (sinking fund securities taken at par value)			\$185,597 30
an increase for the year of	\$45,353 48		

Total Charles River Basin Assessment—District

SERIAL BONDS			\$8,000 00
INTEREST:			
Six months on	\$475,000 00	\$8,312 50	
Six months on	13,000 00	245 00	
Six months on	5,000 00	100 00	
		<u>8,657 50</u>	
Less interest on bridge		<u>4,836 36</u>	
			3,821 14
Total Charles River Basin Assessment			<u>\$11,821 14</u>

CHARLES RIVER BRIDGE

Interest		<u>\$4,836 36</u>
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Boston and Cambridge, one-half each, \$2,418.18.

Maintenance included in Metropolitan Parks. (See Page 10)

CHARLES RIVER BASIN LOAN

Sinking Fund

Bonds Issued	Due Dates	Sinking Fund Dec. 1, 1949
\$336,818 17 Surplus	Jan. 1950	\$336,818 17 165,991 66
\$336,818 17		\$502,809 83

Boston and Cambridge—Charles River Bridge

\$138,181 83 Surplus	Jan. 1950	\$138,181 83 23,259 72
\$138,181 83		\$161,441 55

Analysis of Charles River Basin Debt June 30, 1950

Debt	Total	Cambridge Charles River Bridge	Boston Charles River Bridge	District
Gross Debt . . .	\$5,000 00	—	—	\$5,000 00
Sinking Fund . . .	201,300 18	\$12,370 28	\$12,370 28	176,559 62
Net Surplus . . .	\$196,300 18	\$12,370 28	\$12,370 28	\$171,559 62

CHARLES RIVER BASIN LOAN

Assessments 1950

(For table of percentages see page 11)

CITIES AND TOWNS	Serial Bonds	Interest	Total
Arlington	\$144 08	\$155 92	\$300 00
Belmont	131 86	142 69	274 55
Boston	3,271 08	3,539 92	6,811 00
Braintree	72 73	78 71	151 44
Brookline	375 27	406 11	781 38
Cambridge	428 89	464 13	893 02
Canton	22 98	24 87	47 85
Chelsea	105 66	114 34	220 00
Dedham	66 22	71 66	137 88
Dover	14 39	15 57	29 96
Everett	200 58	217 07	417 65
Hingham	43 22	46 78	90 00
Hull	40 73	44 08	84 81
Lynn	343 98	372 26	716 24
Malden	175 46	189 88	365 34
Medford	197 24	213 45	410 69
Melrose	99 71	107 91	207 62
Milton	101 75	110 11	211 86
Nahant	13 02	14 09	27 11
Needham	68 85	74 51	143 36
Newton	413 98	448 00	861 98
Quincy	330 07	357 19	687 26
Revere	95 65	103 51	199 16
Saugus	39 70	42 96	82 66
Somerville	279 34	302 30	581 64
Stoneham	37 36	40 43	77 79
Swampscott	61 22	66 25	127 47
Wakefield	56 79	61 46	118 25
Waltham	141 23	152 84	294 07
Watertown	134 96	146 05	281 01
Wellesley	112 71	121 98	234 69
Weston	28 74	31 11	59 85
Westwood	19 63	21 25	40 88
Weymouth	130 10	140 80	270 90
Winchester	86 17	93 24	179 41
Winthrop	60 62	65 60	126 22
Woburn	54 03	58 47	112 50
	\$8,000 00	\$8,657 50	\$16,657 50
Special Assetssments on Boston and Cambridge included on page 21			4,836 36
			\$21,493 86
Maintenance included in Metropolitan Parks. (See Page 10.)			

STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Parks	Metropolitan Parks Boulevards	Metropolitan Sewerage North System
Bonds Outstanding (Sinking Fund)	—	—	—
Bonds Outstanding (Serial)	\$7,000 00	\$38,500 00	\$3,289,000 00
Gross Debt	7,000 00	38,500 00	3,289,000 00
Sinking Funds June 30, 1950	28,892 44	10,818 33	25,086 71
Net Debt	—	\$27,681 67	\$3,263 913 29
		For Percentages See Page 11	For Percentages See Page 19
1 Arlington		\$ 498 55	\$191,591 71
2 Belmont		456 25	175,598 54
3 Boston		11,318 62	258,828 32
4 Braintree		251 65	—
5 Brookline		1,298 52	—
6 Cambridge		1,484 04	570,532 04
7 Canton		79 53	—
8 Chelsea		365 59	140,674 66
9 Dedham		229 12	—
10 Dover		49 80	—
11 Everett		694 06	266,988 11
12 Hingham		149 57	—
13 Hull		140 93	—
14 Lexington		—	79,639 48
15 Lynn		1,190 26	—
16 Malden		607 12	233,369 80
17 Medford		682 49	262,418 63
18 Melrose		345 02	132,841 27
19 Milton		352 08	—
20 Nahant		45 07	—
21 Needham		238 23	—
22 Newton		1,432 44	—
23 Norwood		—	—
24 Quincy		1,142 09	—
25 Reading		—	60,056 01
26 Revere		330 96	127,292 62
27 Saugus		137 36	—
28 Somerville		966 59	371,759 72
29 Stoneham		129 27	49,611 48
30 Stoughton		—	—
31 Swampscott		211 82	—
32 Wakefield		196 51	75,722 79
33 Walpole		—	—
34 Waltham		488 69	—
35 Watertown		466 99	—
36 Wellesley		390 01	—
37 Weston		99 46	—
38 Westwood		67 93	—
39 Weymouth		450 19	—
40 Winchester		298 16	114,563 36
41 Winthrop		209 74	80,618 66
42 Woburn		186 96	71,806 09
		\$27,681 67	\$3,263,913 29

JUNE 30, 1950 (SECTION 11, CHAPTER 10, GENERAL LAWS)

Metropolitan Sewerage South System	Metropolitan Water	Charles River Basin	Total	
\$5,799,000 00	\$54,729,000 00	\$5,000 00		
5,799,000 00	54,729,000 00	5,000 00		
420,785 40	200,276 29	201,300 18		
\$5,378 214 60	\$54,528,723 71	—		
For Percentages See Page 16	For Percentages See Page 7			
—	\$816,785 75		\$1,008,876 01	Arlington 1
—	658,597 93		834,652 72	Belmont 2
\$1,354,234 44	36,173,210 20		37,797,591 58	Boston 3
138,757 94	—		139,009 59	Braintree 4
715,840 36	406,238 99		1,123,377 87	Brookline 5
—	—		572,016 08	Cambridge 6
44,101 36	—		44,180 89	Canton 7
—	1,188,562 59		1,329,602 84	Chelsea 8
126,388 04	—		126,617 16	Dedham 9
—	—		49 80	Dover 10
—	2,540,438 71		2,808,120 88	Everett 11
—	—		149 57	Hingham 12
—	—		140 93	Hull 13
—	321,283 24		400,922 72	Lexington 14
—	—		1,190 26	Lynn 15
—	1,452,154 44		1,686,131 36	Malden 16
—	1,175,094 00		1,438,195 12	Medford 17
—	534,872 25		668,058 54	Melrose 18
194,153 55	402,476 51		596,982 14	Milton 19
—	78,739 48		78,784 55	Nahant 20
131,228 44	—		131,466 67	Needham 21
789,521 90	322,919 10		1,113,873 44	Newton 22
133,917 54	—		133,917 54	Norwood 23
629,788 93	1,924,373 19		2,555,304 21	Quincy 24
—	—		60,056 01	Reading 25
—	894,761 83		1,022,385 41	Revere 26
—	281,804 44		281,941 80	Saugus 27
—	3,436,236 58		3,808,962 89	Somerville 28
—	257,266 52		307,007 27	Stoneham 29
45,714 82	—		45,714 82	Stoughton 30
—	284,639 94		284,851 76	Swampscott 31
—	—		75,919 30	Wakefield 32
84,437 97	—		84,437 97	Walpole 33
269,448 55	—		269,937 24	Waltham 34
257,616 48	872,623 17		1,130,706 64	Watertown 35
215,128 59	—		215,518 60	Wellesley 36
—	—		99 46	Weston 37
—	—		67 93	Westwood 38
247,935 69	—		248,385 88	Weymouth 39
—	33,098 94		147,960 46	Winchester 40
—	472,545 91		553,374 31	Winthrop 41
—	—		71,993 05	Woburn 42
\$5,378,214 60	\$54,528,723 71		\$63,198,533 27	

INDEX

B

Boston: Charles River Bridge, interest	19
Boulevards: See "Metropolitan Parks Loan"	

C

Cambridge: Charles River Bridge, Interest	19
Charles River Basin Debt, Analysis of	19
Charles River Basin Loan:	
Assessment, how made up	19
Debt, Gross and Net	19
Division of Assessment into Serial Bonds, Interest and Maintenance Re-	
quirements	21
Proportion in Percentages	11
Sinking Fund, Charles River Bridge	20
Sinking Fund, District	20
Charles River Bridge, Boston and Cambridge	19, 21

D

Debts of the Metropolitan District for 1950	22, 23
---	--------

M

Metropolitan Districts, Statement of the Debts of, for 1950	22, 23
Metropolitan Districts: Total Assessments	5
Metropolitan Parks Loan:	
Assessment, how made up	9
Debt, Gross and Net	9
Division of Assessment into Serial Bonds, Interest and Maintenance Re-	
quirements	10
Interest Requirements, Boulevards	13
Interest Requirements, Parks	13
Maintenance Requirements, Nantasket	10
Maintenance Requirements, Parks	10
Proportion in Percentages to be paid annually	11
Serial Bonds Requirements (Boulevards), Series 2	12
Serial Bonds, Requirements, Parks	12
Sinking Fund (Boulevards), Series 2	12
Sinking Fund, Parks	12
Total Assessments and Grand Total	10
Metropolitan Parks and Sewerage Loans, Comparison of 1949 and 1950	
Assessments	18
Metropolitan Sewerage Loan, North System:	
Assessment, how made up	16
Debt, Gross and Net	14
Division of Assessment into Serial Bonds, Interest, Construction and Main-	
tenance Requirements	17
Proportion in Percentages to be paid annually	17
Sinking Fund	14
Metropolitan Sewerage Loans, South System:	
Assessments, how made up	16
Debt, Gross and Net	15
Division of Assessment into Serial Bonds, Interest, Construction and Main-	
tenance Requirements	16
Proportion in Percentages to be paid annually	17
Sinking Fund	15
Metropolitan Water Loan:	
Comparison of Total 1949 and 1950 Assessments	8
Computations for Determining Assessments	7
Debt, Gross and Net	6
Expenses, how made up	6
Sinking Fund	7
Water Use Development Loan	6

N

Nantasket. See "Metropolitan Parks Loan."

P

Parks Loans. See "Metropolitan Parks Loan."

R

Revenue from Water Received by Cities and Towns, 1949 8

S

Sewerage Loan. See "Metropolitan Sewerage Loan, North System"; "Metropolitan Sewerage Loan, South System."

T

Total Assessments for Metropolitan Districts 5

W

Water Loan, See "Metropolitan Water Loan."
Water Revenue received by Cities and Towns in 1949 8